

Fiber Optics

Dome Splice Closure



Features and Benefits

- Material: High impact PP plastic + UV resistance agent.
- Capacity: 96 cores, Maximum 4 trays, each tray for 24F splicing
- Cable ports: 6 pcs Ø18mm ports (2 pcs Ø12mm extra spare parts)
- Sealing: Mechanical sealing
- IP grade: IP68



Overview

Fiber optic dome splice closure is widely applied to the splicing, distributing variable optical cables and splitting. The solid box shell and the main structure can endure harsh environment. It protects the fiber optic cable from vibration, impact, stretches, and twists. The closure can work in -35°C ~ 70°C environment, cold and heat resistance, electrical insulation, chemical corrosion resistance.

Application

- Wall, pole or stand mount
- Manhole, buried and aerial joints
- All ultra-high speed networks
- Ultra small, suitable for all applications
- Ideal for emergency repairs of damaged fiber optic cables

Technical Data

Mechanical Data

Particulars	Values			
	12F	24F	48F	96F
Dimension (mm)	489 x 168 Ø	489 x 168 Ø	489 x 168 Ø	489 x 168 Ø
Cassettes	2	2	4	4
Sealing type	Mechanical	Mechanical	Mechanical	Mechanical
Air test	pass	pass	pass	pass
Water test	pass	pass	pass	pass
Drop test	pass	pass	pass	pass
Fiber type	Individual	Individual	Individual	Individual
Cable size supported mm	8 to 18	8 to 18	8 to 18	8 to 18

Note: Any fiber count up to 96F can be accommodated in this closure. We can use 6F cable as well as 48F cable in this

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Material used

Components	Materials
For Closure	PP
For Cassettes	ABS
For Sealing Arrangement	Silicon
For Cable clamping	SS 304

Ordering Information

Part Number	Description
FDSCAMDM1212	24F Fiber Optic dome Closure, loaded with 2 x 12F Splice tray
FDSCAMDM1214	48F Fiber Optic dome Closure, loaded with 4 x 12F Splice tray
FDSCAMDM2414	96F Fiber Optic dome Closure, loaded with 4 x 24F Splice tray



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